108 DAYS ONLINE COACHING DAY(58) - 14/11/2019 THURSDAY

Data Interpretation

Name of the candidate *

M3 ▾

Place of the candidate *

Thiruvananthapuram ▾

WHATS APP NUMBER (JOINED IN SAI EDUCATION ONLINE *

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Please watch the following videos and answer the following questions

https://youtu.be/_q37Twqa6Fk
https://youtu.be/xhwFkwSol_c
https://youtu.be/RHfsmeQgTwg
https://youtu.be/Kx2Qn9UiGPI
https://youtu.be/m40AqH1a6Fl

1. Answer the following questions

Directions (1-4): The proportion of male student and proportion of vegetarian in a school are given below. The school has a total of 800 students, 80% of whom are in the Secondary Section and rest equally divided between Class 11 and 12.

	Male (M)	Vegetarian (V)
Class 12	0.60	
Class 11	0.55	0.50
Secondary Section		0.55
Total	0.475	0.53

○ Option 1

1. What is the percentage of vegetarian students in class 12? *   1 point

◉ 40

○ 45

○ 50

○ 55

2.

Directions (1-4): Study the table and answer the questions:

The table given here

Year	English		Maths		Science		Social Science	
	High.	Ave.	High.	Ave.	High.	Ave.	High.	Ave.
2007	80	70	94	60	89	70	65	55
2008	82	65	85	62	95	64	66	58
2009	71	56	92	68	97	68	68	48
2010	75	52	91	64	92	75	77	58

○ Option 1

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2. What is the overall average marks of the four subjects in the year 2009 *   1 point

○ 63

○ 64

○ 65

◉ 60

3.Supposing there were 40 students in Science in the year 2009 ,how much total marks did they combinedly   1 point
receive *

○ 2800

◉ 2720

○ 2560

○ 3000

4.In which year ,the difference between the highest and average marks in Maths was maximum *   1 point

○ 2009

○ 2010

◉ 2007

○ 2008

5. In which year the difference between the highest and average marks in Social Science was least *   1 point

○ 2009

○ 2010

○ 2007

◉ 2008

Directions: (1-4) Study the following table and answer the question.

Games	Schools				
	A	B	C	D	E
Cricket	150	200	250	230	200
Football	250	125	175	100	250
Basketball	200	195	245	200	225
Badmintan	100	130	60	40	65
Tennis	120	180	150	130	165

Number of students from various school Playing Various games:
(one student play one game only)

*   1 point

The difference between the total number of students playing Basketball from the all schools and the total number of students playing Cricket from all the schools is:

- ○ 27
- ◉ 35
- ○ 28
- ○ 26

7. *   1 point

The number of students playing Football from School C is x per cent of the total number of students playing Football from all the schools x equals:

- ○ 19(7/9)
- ◉ 19(4/9)
- ○ 18
- ○ 20(2/9)

8. Which school has maximum number of players *   1 point
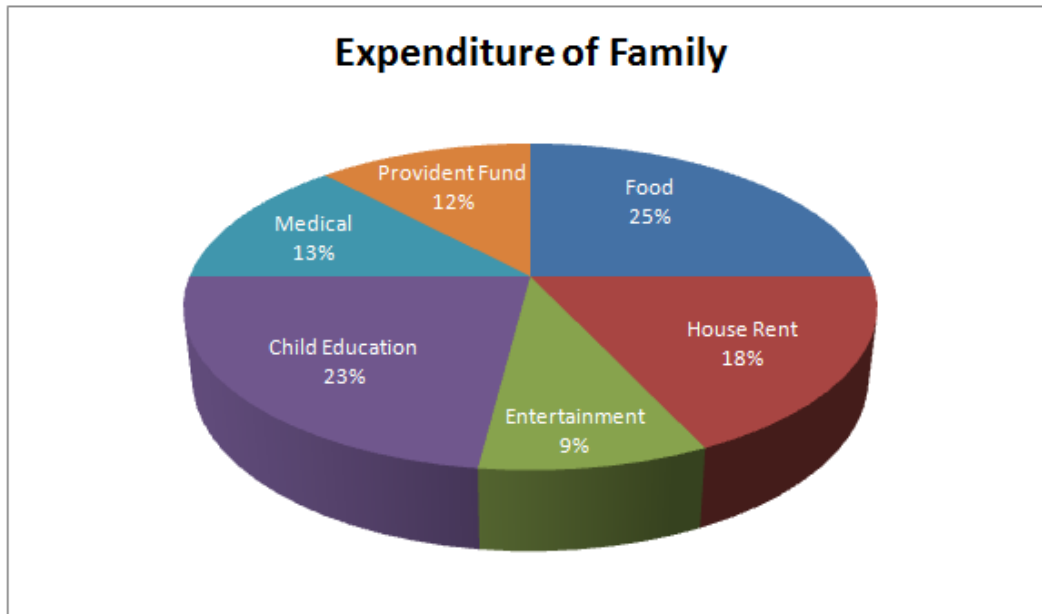
○ A

○ B.

○ C.

○ D.

◉ E

9. *   1 point

The number of students playing Badminton from School E is x% of the students playing Badminton From School B. Then x equal:

○ 40

○ 42

◉ 50

○ 41

Directions (1-4): Study the chart and answer the questions: The pie chart given here represents the domestic expenditure of a family in percent. Study the chart and answer the following questions if the total monthly income of the family is **Rs. 33,650**

Expenditure of Family

Provident Fund
12%

Food
25%

Medical
13%

House Rent
18%

Child Education
23%

Entertainment
9%

Option 1

10. The house rent per month is *   1 point

○ Rs. 6000

○ Rs. 6152

◉ Rs. 6057

○ Rs. 6048

11. The annual savings in the form of provident fund would be *   1 point

◉ Rs. 48456

○ Rs. 48540

○ Rs. 44856

○ Rs. 45480

12. After provident fund deductions and payment of house rent ,then total monthly income of the family   1 point
remains *

○ Rs. 23545

○ Rs. 24435

◉ Rs. 23555

○ Rs. 25355

13.

1. Study the following table to answer the 5 questions that are given below it.

Item of Expenditure/ Year	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.38	36.4	88
2002	420	142	3.96	49.4	98

○ Option 1

13. The ratio between the total expenditure on taxes for all the years and the total expenditure on Fuel and Transport for all the years respectively is approximately: * 1 point

○ A. 4:7

◉ B. 10:13

○ C. 15:18

○ D. 5:8

○ E. 2:3

14. The total expenditure of the Company over these items during the year 2000 is * 1 point

◉ A. Rs. 544.44 Lakhs

○ B. Rs. 501.11 Lakhs

○ Rs. 446.46 Lakhs

○ Rs. 478.87 Lakhs

○ Rs. 612.13 Lakhs

15. What is the average amount of interest per year which the Company had to pay during this period? * 1 point

○ Rs. 32.43 lakhs

○ Rs. 33.72 lakhs

○ Rs. 34.18 lakhs

○ Rs. 35.69 lakhs

◉ Rs. 36.66 lakhs

16. Total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002? *　　　　　1 point
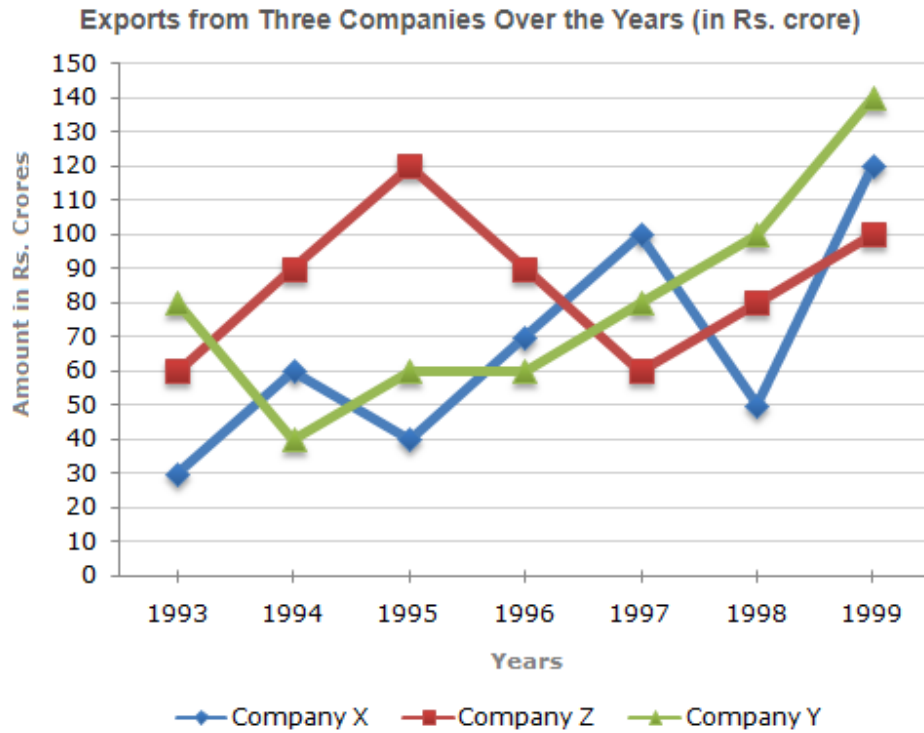
○ A. 62%

○ B. 66%

◉ C. 69%

○ D. 71%

○ E. 73%

17. The total amount of bonus paid by the Company during the given period is approximately what percent of the total amount of salary paid during this period? *　　　　　1 point

○ A. 0.1%

○ 0.5%

◉ 1%

○ 1.25%

○ 1.11%

18.

Study the following line graph and answer the questions.

Exports from Three Companies Over the Years (in Rs. crore)

○ Option 1

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18. For which of the following pairs of years the total exports from the three Companies together are equal? *

○ A. 1995 and 1998

○ B. 1996 and 1998

○ C. 1997 and 1998

◉ D. 1995 and 1996

1 point

19. Average annual exports during the given period for Company Y is approximately what percent of the average annual exports for Company Z? *   1 point
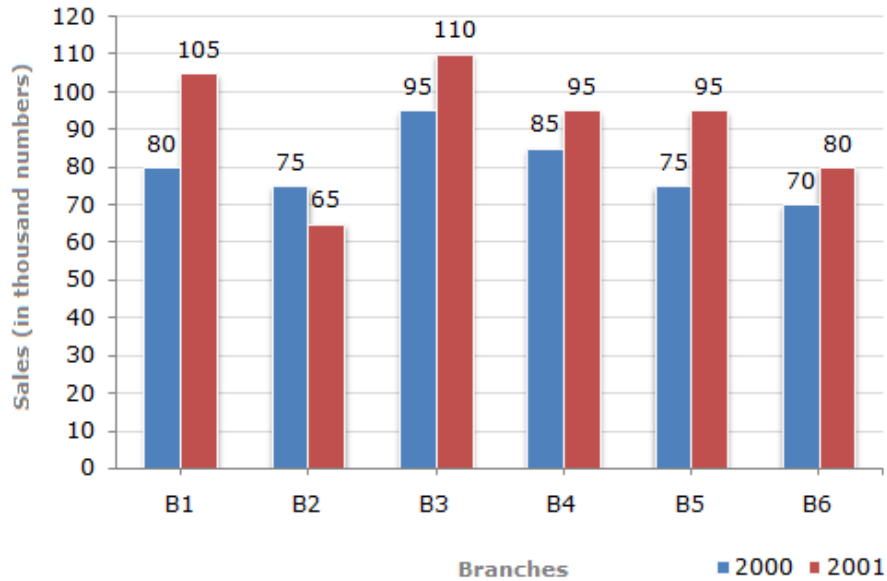
○ A. 87.12%

○ B. 89.64%

○ C. 91.21%

◉ D. 93.33%

20. In which year was the difference between the exports from Companies X and Y the minimum? *   1 point

○ A. 1994

○ B. 1995

◉ C. 1996

○ D. 1997

The bar graph given below shows the sales of books (in thousand number) from six branches of a publishing company during two consecutive years 2000 and 2001.

Sales of Books (in thousand numbers) from Six Branches - B1, B2, B3, B4, B5 and B6 of a publishing Company in 2000 and 2001.

Option 1

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21. What is the ratio of the total sales of branch B2 for both years to the total sales of branch B4 for both 1 point
years? *

A. 2:3

B. 3:5

C. 4:5

D. 7:9

22. Total sales of branch B6 for both the years is what percent of the total sales of branches B3 for both the years? *   1 point

○ A. 68.54%

○ B. 71.11%

◉ C. 73.17%

○ D. 75.55%

23. What percent of the average sales of branches B1, B2 and B3 in 2001 is the average sales of branches B1, B3 and B6 in 2000? *   1 point

○ A. 75%

○ B. 77.5%

○ C. 82.5%

◉ D. 87.5%

24. What is the average sales of all the branches (in thousand numbers) for the year 2000? *   1 point

○ A. 73

◉ B. 80

○ C. 83

○ D. 88

25. Total sales of branches B1, B3 and B5 together for both the years (in thousand numbers) is? * 1 point

○ A. 250

○ B. 310

○ C. 435

◉ D. 560

Thankyou!!!